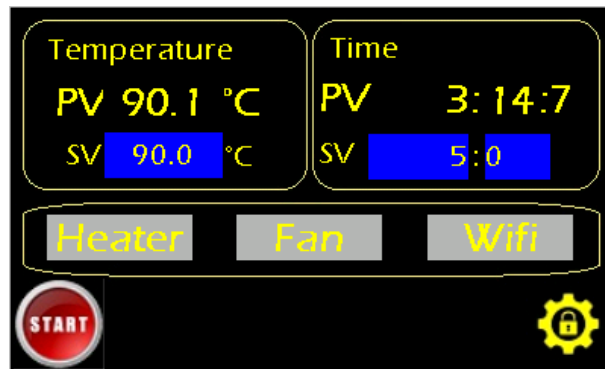

Instruction for Oven

When connected to power and turning on the power switch, the front panel of the device lights up and the operating system is initialized.



The main menu of the device consists of three main sections as follows:

Temperature: This menu displays the actual temperature of the internal chamber in the PV section and the temperature set by the operator in the SV section, shown in degrees Celsius.

Time: In this section, the PV displays the elapsed time of the test, while the SV displays the test duration set by the operator. Once this time has passed, the test stops, and the device's temperature control system is turned off.

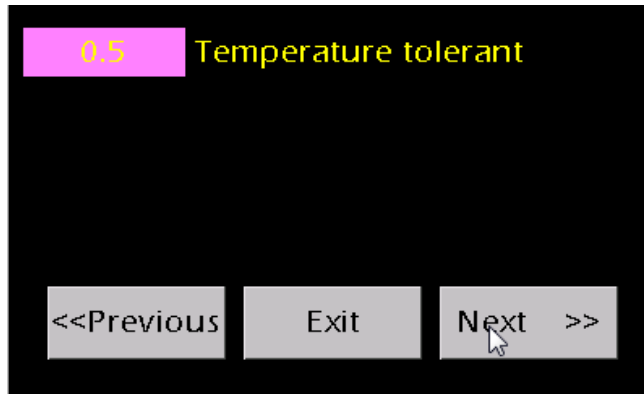
Middle Box: In this section, the status of the heater, the air circulation fan, and the connection status with the hydrostatic generator (this option is active in pressure test ovens) are displayed.

By pressing the **Start** button in the main menu, the heaters begin to warm up, and the air circulation fan works to evenly heat the internal chamber of the device until the temperature set by the operator is reached.

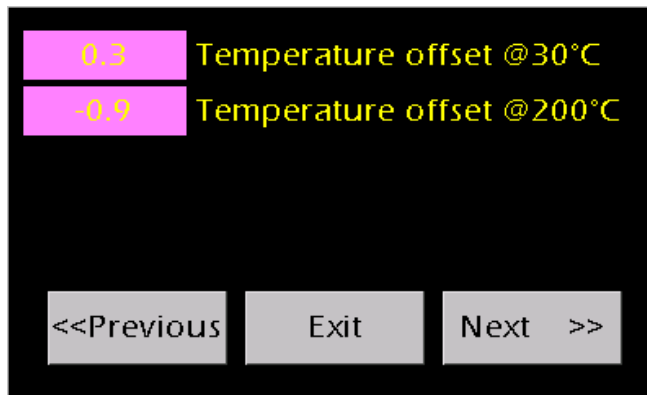
To adjust the initial settings of the device, you must enter the settings menu. To do so, tap the **settings icon** in the menu.

Entering the device password is required. The password is **1253**.

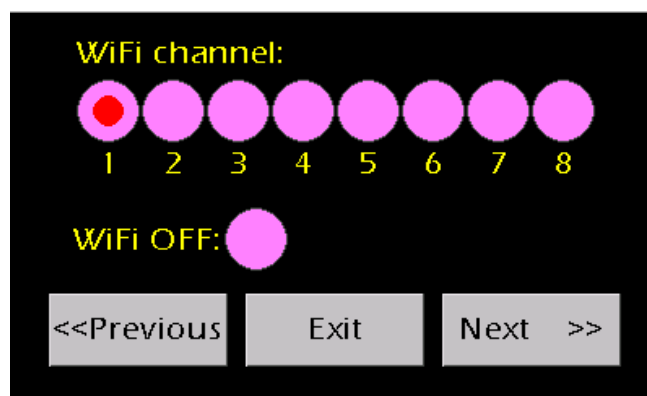
After entering the password, the following menus will appear sequentially. To navigate to other settings menus, tap the **Next** or **Previous** buttons, and to exit the settings menu, tap the **Exit** button in any of the menus.



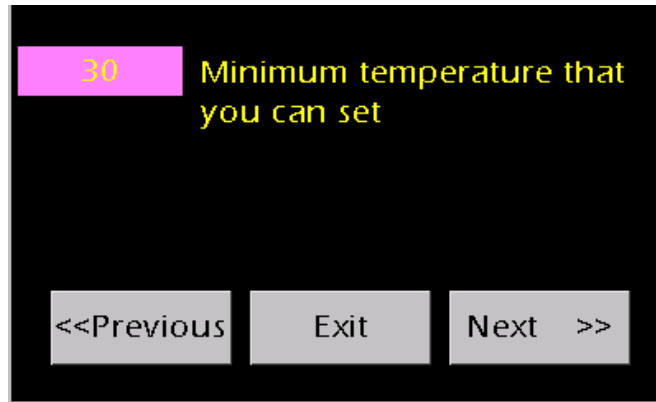
This menu defines the temperature tolerance range at which the device activates the ready-to-work alarm. Specifically, when the internal temperature of the device remains within the upper or lower tolerance limits for a specified period of time, the device triggers the ready-to-work alarm.



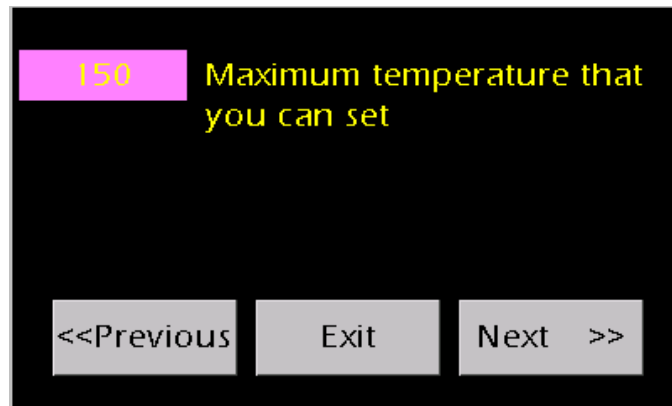
In this menu, temperature offsets at two different temperatures, 30°C and 200°C, are applied by the manufacturer or a calibration technician. Any changes made to the applied offsets by unauthorized individuals can lead to a temperature discrepancy between the oven and the actual temperature. Essentially, the device uses these two offsets to calculate the corresponding temperature correction for the thermocouple and applies the necessary offsets for various temperatures.



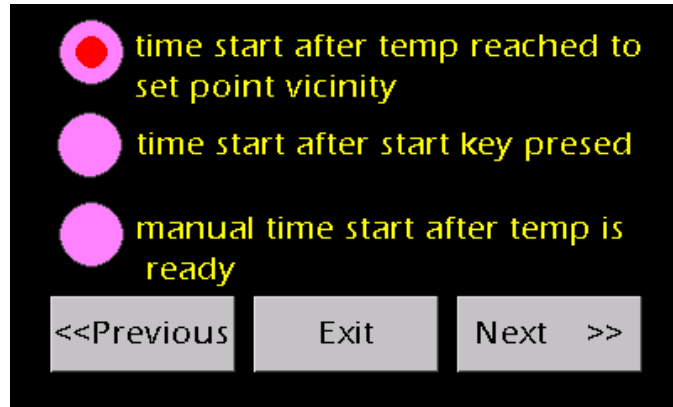
If this device is designed for pressure pipes using the hydrostatic device manufactured by APS, it will require sending temperature data to the hydrostatic device. In this case, it must be configured to communicate wirelessly with other devices connected to the hydro channel. If the oven does not require wireless communication, this option should be set to "WIFI OFF." The parameters in this menu are configured by the manufacturer.



In this menu, the minimum operating temperature of the oven is set. This parameter is applied by the manufacturer.

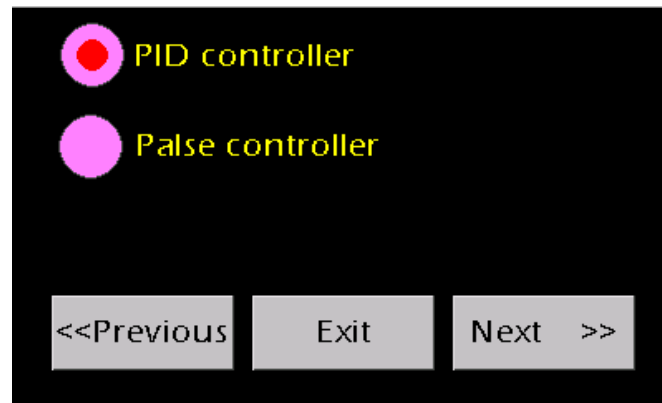


In this menu, the maximum operating temperature of the oven is set according to the customer's order, internal structure, and materials used. This parameter is applied by the manufacturer.

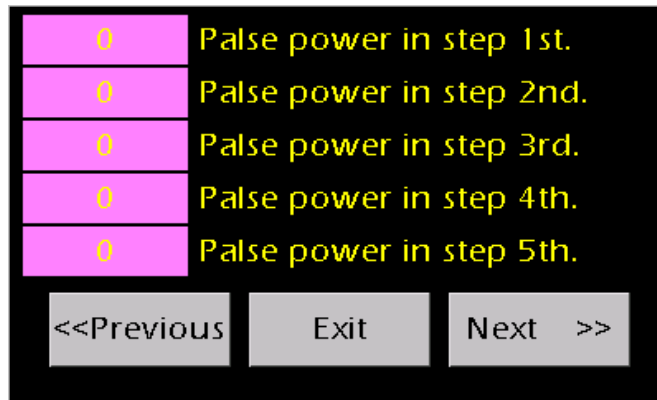


In this menu, the timer operation process is set:

1. If the first option is selected by the operator, the timer will start counting once the internal chamber temperature reaches the set temperature after the device starts.
2. If the second option is selected, the timer will start counting immediately after the device starts.
3. If the third option is selected, it behaves like the first option, but with the difference that the temperature must be "Ready" and stable before starting the timer.



In this menu, the temperature control system of the device is selected, which is typically set to the PID controller parameter by the manufacturer.



The parameters of this menu are activated if the Pulse Controller control system is selected, and the required values are defined by the manufacturer. In each menu, if the entered parameter is within the device's range, the device emits a short alarm, indicating that the parameter has been saved in the device's memory.